

Docket No.: 64162-030

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Customer Number: 20277
MICHAEL L. ROONEY : Confirmation Number:
Serial No.: Divisional of Appl. No. :
10/345,992 : Group Art Unit:
Filed: January 16, 2004 : Examiner:
For: OXYGEN SCAVENGERS INDEPENDENT OF TRANSITION METAL CATALYSTS

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

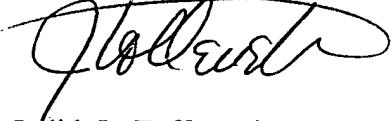
The references were cited by or submitted to the U.S. Patent and Trademark Office in parent application Serial No. 10/345,992, filed January 17, 2003, which is relied upon for an

earlier filing date under 35 USC 120. Thus, copies of these references are not attached. 37 CFR 1.98(d).

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



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Date: January 16, 2004

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)			ATTY. DOCKET NO. 64162-030	SERIAL NO. Divisional of Appl. No. 10/345,992
			APPLICANT MICHAEL L. ROONEY	
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U.S. PATENT DOCUMENTS				
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ₂ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	US	5,354,486	10/11/94	Evans
	US	5,098,945	3/24/92	Pitteloud et al.
	US	5,147,604	9/15/92	Ciuba et al.
	US	4,282,111	8/4/81	Ciuba
	US	5,211,875	5/18/93	Speer et al.
	US	3,615,454	10/26/71	Cescon et al.
	US	4,942,112	7/17/90	Monroe et al.
	US	3,768,976	10/30/73	Hu et al.
	US	3,941,759	3/2/76	Taylor et al.
	US	4,356,301	10/26/82	Gleim
	US	4,555,473	11/26/85	Dueber et al.
	US	4,847,001	7/11/89	Cuisia et al.
	US	5,043,166	8/27/91	Barenholz et al.
FOREIGN PATENT DOCUMENTS				
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Code ₃ -Number +-Kind Codes (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
				Pages, Columns, Lines Where Relevant Figures Appear
				<input type="checkbox"/> Yes <input type="checkbox"/> No
		EP 0 301 719	2/1/89	
		EP 0 366 040	5/2/90	
		GB 870,638	6/14/61	
		EP 0 406 169 A1	1/2/96	
		JP 85 152287	7/12/85	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)				
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
		"Singlet Oxygen: An Intermediate in the Inhibition of Oxygen Permeation Through Polymer Films", by Michael L. Rooney et al., Chemistry and Industry, December 15, 1979, pp. 900-901.		
		"Oxygen Scavenging from Air in Package Headspaces by Singlet Oxygen Reactions in Polymer Media", by Michael L. Rooney, Journal of Food Science, Vol. 47, No. 1, January-February 1982, pp. 291-294, 298.		
EXAMINER			DATE CONSIDERED	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	US	5,958,254	9/28/99	Rooney		
	US	4,249,412	02/1981	Townsend		
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	US	5,029,463	07/1991	Schvester et al.		
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						Yes
		JP 83 209989	11/10/83			
		JP 85 120688	6/5/85			
		JP 91 088592	4/19/91			
		AU A-28228/92	6/20/93			
		WO 96/07711	3/14/96			
		EP 0394822	10/31/1990			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
		Rooney, M.L. "Measuring Packaging Film Attributes", Food Australia 41(8), August 1989, pp. 880-881.				
		Holland et al., "New methods of measuring permeabilities of packaging films", CSIRO Fd. Res. Q. 1981, 41 pp. 47-50.				
		Rooney, M.L., "Photosensitive oxygen scavenger films: an alternative to vacuum packaging", CSIRO Fd. Res. Q. 1983, 43, pp. 9-11.				
		Rooney, M.L., "New methods of maintaining product quality through package interaction", PA 1990 - Session B-2.				
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FOREIGN PATENT DOCUMENTS							
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						Yes	No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
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		Holland et al., "Measuring Oxygen permeabilities of polymer films by a new singlet oxygen technique", Angew. Makromol. Chem. 88, pp. 209-221.					
		Kirk-Othmer (1978), "Anthraquinone" Encyclopedia of Chemical Technology (3 rd Ed.) Volumne 8, pp. 393-408.					
		Rooney, M.L. (1995) "Active Food Packaging", pp. 1-33.					
		Rooney, M.L. (1995) "Active Food Packaging", pp. 74-110.					
		Patent Abstracts of Japan, C-138, page 153, JP,A,57-145107, September 8, 1982.					
		"Oxygen Scavenging: A Novel Use of Rubber Photo-Oxidation", by Michael L. Rooney, Chemistry and Industry, March 20, 1982, pp. 197-198.					
		FOOTE, Christopher S.; "Photosensitized Oxidation and Singlet Oxygen: Consequences in Biological Systems"; pps. 85-95 of <u>Free Radicals in Biology</u> , Vol. II, 1976.					
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